



Venus Technical data sheet of V-9700 series Respirator

- The V-9700 series respirator includes Venus RPD914P100 respirator.
- This respirator is of cup shape design and has a convex mesh for added rigidity.
- Venus RPD914P100 filters 99.97% of air borne particles & is strongly resistant to oil.
- V-9700 series respirators has microfiber media which provides protection against sub-micron particles, fine dust, water/oil based liquid mist and biological agents e.g. TB, SARS and pandemic influenza.
- V-9700 series respirators have full foam seal to provide leak-proof comfortable fit around the edges.
- V-9700 series respirators have net reinforced shell. The net has well integrated structure which maintains the shape disallowing collapse. It also suits rough handling.
- V-9700 series respirators have latex free braided textile elastic which provides comfortable fit, is non-allergic and does not deform with repeat wears under high temperature.
- V-9700 series respirator has an aluminum nose clip to get customized fit around the nose and avoid fogging of the eyewear.
- V-9700 series respirator has front pull adjustor mechanism with broad cotton elastic which gives superior fit and relieves strap pressure.
- V-9200 series have Venus's Stay cool butterfly vent valve which provides superior breathing comfort by removing built up heat inside the mask and aides in easy communication.

Materials

- The following materials are used in the production of Venus RPD914P100 respirators.

Straps	Braided spandex
Nose Foam	Polyester
Nose Clip	Aluminum
Filter	Electrostatic PP-MB
Valve	Polypropylene
Valve Diaphragm	Silicon rubber
Mesh	polypropylene
Adjustor clip	polypropylene

- These products do not contain components made from natural rubber latex
- Minimum mass of products:
RPD914P100 – 36g

Selection Guide		N95	P95	P100	Organic Vapour	Acid Gas	Welding
Painting, Varnishing, Spraying, Coating, Mixing	Solvent-Based-brush/roller applied			•	•		
	Solvent- Based-spray applied	Contact Venus					
	Water-Based-brush/roller/spray applied			•			
	Wood Preservatives			•	•		
	Powder Coating			•			
Sanding, Stripping, Grinding, Cutting, Drilling	Rust,most metals,Filler,Concrete,Stone	•					
	Cement,Wood,Steel		•				
	Paints,Varnish,Anti-rust coating		•				
	Stainless-Steel,Anti fouling varnish			•			
	Resins,Reinforced plastics(carbon/glassfibre)		•	•			
Construction/ Maintenance	Scabbling,Shot-creting(concrete dust)	•	•	•			
	Platering,Rendering,Cement mixing	•	•	•			
	Demolition	•	•				•
	Groundwork,Earth moving,Piling,Underpinning		•	•			
	Spray foam,Loft Insulation		•	•			
Metal working/ Foundries	Welding,Soldering		•	•			•
	Electro-plating		•	•		•	
	Finishing,Slotting,Drilling,Riveting,Machining		•	•			
	Oxyacetylene cutting		•	•			
	Molten metal handling,Smelting		•	•		•	
Cleaning/ Waste Removal	Disinfection, Cleaning		•	•	•	•	
	Waste removal		•	•	•		
	Asbestos handling			•			
	Asbestos removal	Contact Venus					
Allergens/ Biohazards	Pollen,Animal dander	•					
	Mould/Fungus,Bacteria*,Viruses		•	•			
	Tuberculosis*			•			
	Diesel exhaust/Smoke		•				
Agriculture/ Forestry	Handling infected animals,Culling		•	•	•		
	Feeding livestock, Cleaning sheds/ Harvesters	•	•	•			
	Straw chopping,Composting,Harvesting		•	•			
	Pesticides,Insecticides(crop spraying)		•	•	•		
Mining/ Quarrying	Tunneling,Drilling,Grinding,Excavation		•	•			
	Pumping,Dredging,Washing		•	•			
	Cutting,Sawing		•	•			
	Changing Filters		•	•			
Other Industrial Applications	Ink,Dyes,Solvents,Chemicals		•	•	•		
	Powderd Additives/Chemicals		•	•	•		
	Pharmaceuticals		•	•	•		
	Rubber/Plastic processing		•	•	•		
	Oil & gas extraction/ Processing		•	•	•	•	•
	Pottery,Ceramics			•			
Wood/ Paper Mills		•	•				

Standards

Venus RPD914P100 respirator conforms to NIOSH P100 standard.

- P class of filters stand for oil-proof in NIOSH. These filters can be used for protection against oil based particles and can be used for more than 1 work shift. These category of filters are colour coded magenta according NIOSH guidelines.

Approvals

Venus RPD914P100 respirator has been evaluated in the laboratory and found to comply with all of the requirements of Title 42, Code of Federal Regulations, Part 84 for NIOSH certification.

Applications

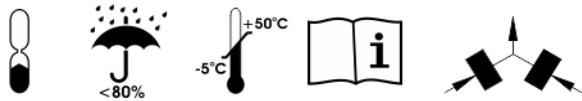
These respirators are suitable for use in concentration of solid and non-volatile liquid particles upto the following limits

Model	Approved	Class & Colour	Max. Use Level
Venus RPD914P100	NIOSH	White & Magenta	50 x OEL

Storage & Shelf Life

V-9700 series respirators until use shall be stored in the sealed pack to retain its properties. For transport such packs shall be suitably packed in outer cartons to protect from climatic hazards and mechanical shocks.

The shelf life of the product is 60 months from the date of manufacture. (If stored between -50°C and $+50^{\circ}\text{C}$ & Humidity not over 80%). The date of manufacture is mentioned on the pack of the respirator.



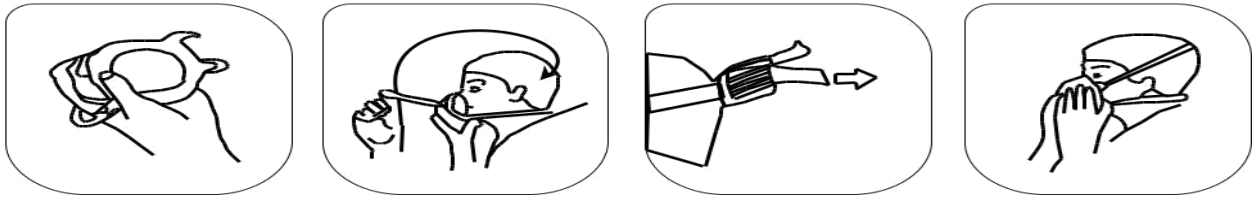
Disposal

Contaminated products should be disposed as hazardous waste in accordance with local regulations.

User instructions

Before use, check for visible damage. Damaged or dirty (on breathing side) particles filtering respirators should not be used.

1. Hold the respirator in hand, allowing the head-straps to hang loosely in front of the mask
2. Position the lower head strap around the neck below the ears. Hold the respirator against the face and place the top head-strap around the crown of the head.
3. Adjust head straps by grasping the loose strap end and pull rear ward until respirator fits comfortably.
4. Fit the nose area to the shape of the face by forming the nose piece with the fingertips. Start from the nose piece working downward while pressing against the nose. Always use both hands.



Limitations

1. Not for use in atmospheres containing less than 19.5 % oxygen.
2. Not for use in atmospheres immediately dangerous to life or health.
3. Do not exceed maximum use concentrations established by regulatory standards.
4. Failure to properly use and maintain this product could result in injury or death.
5. All approved respirators shall be selected, fitted, used, and maintained in accordance with MSHA, OSHA, and other regulations.
6. Never substitute, modify, add, or omit parts. Use only exact replacement parts in the configuration as specified by the manufacturer.
7. Refer to User's Instructions, and/or maintenance manuals for information on use and maintenance of these respirators.
8. NIOSH does not evaluate respirators for use as surgical masks.

Fit Check

1. Cover the front of the respirator with both hands being careful not to disturb the respirator.
2. Exhale sharply into the respirator.
3. If air leaks around the nose, readjust the nose clip to eliminate leakage. Repeat the above fit check
4. If air leaks at the respirator edges, work the straps back along the sides of the head to eliminate leakage. Repeat the above fit check.

If you cannot achieve a proper fit DO NOT enter the hazardous area. See your supervisor.

For information regarding fit testing procedure please contact Venus.

Product Range



RPD914P100

Manufacturer name & address

VENUS Safety & Health Pvt. Ltd.

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